Annexure 2

Activity Tracker & Queries for the period of 'July-September 2022'

Quarterly Report No. 13

Sr. No.	Description	Total Until now	In last Quarter (July, Aug, Sept.)
1	External Meetings	456	42
2	Internal Meetings	95	5
3	Events/Seminar/Workshop/Roundtable	426	24
	Total	**977**	**71**
4	No of Queries	114	11

SESEI-IV

Quarterly Activity Update: July to September 2022

Sr. No	CAT	Date	Meetings/Events:	Subject:	Outcome:	What Next	Status	Sector
1	E	01-09-2022	Award Ceremony for the Smart Solutions Challenge & Inclusive Cities Awards	NIUA in partnership with UN in India designed and launched the 'Smart Solutions Challenge and Inclusive Cities Awards' earlier this year, in the presence of H.E Madam Laxmi Puri, Former Assistant Secretary-General at the United Nations and former Deputy Executive Director of UN Women, during a three-day 'National Conclave on Gender and Disability Inclusion in Indian Cities' organized from 28th to 30th April 2022 in New Delhi.	The Smart Solutions Challenge and Inclusive Cities Awards aimed to start a dialogue on the need for people-centric design for technological innovations and for fostering novel home-grown solutions and approaches through citizen participation in line with Hon'ble Prime Minister's clarion call for 'Atmanirbhar Bharat' and 'Make in India', in much broader contexts for finding new ways to bridge the digital divide for vulnerable population groups in urban development. The initiative sought to crowd-source innovative technological solutions to align with the New Urban Agenda and promulgate the principle of 'Leave No One Behind' (LNOB) in order to achieve the Sustainable Development Goals, particularly SDG11 in line with the UN Convention on the Rights of Persons with Disabilities (UNCRPD) and the Rights of Persons with Disabilities (RPwD) Act, 2016 SESEI in recognition of his work for advancing the rights of persons with disabilities in India, was invited by NIUA and UN India to acknowledge and recognize the individuals, organizations and cities who have done exemplary work towards the cause of accessibility and inclusion for ensuring a life of equality and dignity for persons with disabilities, women and girls, and the elderly, at the occasion of the Smart Solutions Challenge and Inclusive Cities Awards.	N/A	Closed	Smart Cities

| 2 | M | 02-09-2022 | MeitY Meeting reg. Incorporation of NavIC in Position, Navigation and Timing (PNT) applications in India | MAIT as one of the important representatives of the stakeholders was invited to deliberate upon the subject matter. In this regard a meeting was scheduled under the Chairmanship of Shri Amitesh Kumar Sinha, Joint Secretary (Electronics), MeitY. | Department of Telecommunications (DoT), Ministry of Communications had discussed the subject matter (Incorporation of NavIC in Position, Navigation and Timing (PNT) applications in India) with the industry stakeholders. In this connection, Samsung, ICEA and COAI had raised some queries during the meeting with the DoT.

SESEI as a member of MAIT was invited to participate in the deliberations and provide his comments on the queries posted by some of the key stakeholders regarding implementation of NavIC in the mobile phone handsets being marketed in India | N/A | Closed | ICT |
| 3 | E | 07-09-2022 | Plenary panel discussion on "5G – The Indian Journey on Standards & Innovation" at the 5G India 2022 International Conference | Broadband India Forum along with Bharat Exhibitions organized their Annual Conference on 5G called **5G India 2022 International Conference** | SESEI was invited as an esteemed panellist for the technical session on: **5G – The Indian Journey on Standards & Innovation.** The session was moderated by Shri Y.G.S.C. Kishore Babu, DDG (S.R.I), Department of Telecommunications, Ministry of Communications.

Along with SESEI the other panellists were;
• Prof. Kiran Kuchi, Professor, Department of Electrical Engineering, IIT Hyderabad
• Dr. R.K. Upadhyay, Executive Director, C-DoT
• Mr. Satish Jamadagni, Vice Chair, TSDSI (Vice President, Reliance JIO)
• Mr. Dinesh Chand Sharma, Director – Standards & Public Policy, SESEI

SESEI , took this opportunity to share his knowledge and information on 5G technology, 5GPP standards and release 17 and 18. Security standards, especially the world's first standard on IoT released by ETSI, evolution of 5G and 6G | N/A | Closed | ICT |

					technology in India. Need for India to participate in the standards formulation at a global level.			
4	M	08-09-2022	Meeting of the Preparatory Group for the proposed webinar/ conference on Circular Economy Standards - Ecolabeling & Eco Design	Preparatory meetings of the organizing committee for the webinar/ conference on Circular Economy Standards - Ecolabeling & Eco Design	Highlights and Action Items from the meeting: 1. Name of the Workshop: Circular Economy: Environmental Design & Labelling - Role of Standards & Policy in India and EU 2. Date: It has been agreed that the workshop will be kept independent of the EU Commissioner's visit to India. The date agreed by all concerned is Friday, 18th November 2022 3. Mode: The workshop will be held in Hybrid Mode, i.e., Physical as well as virtual. Souvik, TERI, responsible to liaise with IHC for the workshop venue / tariff and logistics. Priya and Mehar to provide required assistance. Webex and zoom to be finalized for the virtual platform. Souvik, TERI responsible for the same. 4. Financials for the supporting the workshop: SESEI, EU-REI, ECOS and TERI to work out on a financial proposal for supporting the workshop cost. 5. Agenda: All agreed on the sessions and topics. Recommendations and suggestion on the speakers for the respective session was exchanged during the meeting and have been incorporated in the revised agenda. 6. Speakers: a. Respective organizations to send invitation letters to suggested speakers and follow-up b. Speakers list to be updated accordingly. c. SESEI should be kept in cc in the invitation mails.	Successful organization of webinar	Closed	Circular Economy

| 5 | E | 09-09-2022 | oneM2M @10 – "Progress and Prospects for global IoT Standardization" | Bright talk, webinars organized a conversation with oneM2M Leaders to recount the 10 years journey of oneM2M and future directions. | In this webinar, oneM2M experts discussed the need for open IoT standards and the motivations for creating oneM2M as a global initiative. They also described key capabilities offered to IoT users and standardization milestones over oneM2M's ten-year journey. Emerging industry requirements in areas related to IoT security, data privacy, cross-silo interoperability and AI for IoT.

Aurindam Bhattacharya, oneM2M MARCOM Vice Chair (C-DOT, India) conducted a freewheeling conversation with following experts:
o   Roland Hechwartner - oneM2M Technical Plenary Chair (Deutsche Telekom)
o   Enrico Scarrone - oneM2M Steering Committee Chair (Telecom Italia)
o   Uday Desai - oneM2M Steering Committee Vice Chair (TSDSI)
o   JaeSeung Song - oneM2M Technical Plenary Vice Chair (Sejong University)
o   Dale Seed - oneM2M Technical Plenary Vice-Chair (Convida Wireless) | N/A | Closed | ICT |
| 6 | M | 09-09-2022 | Virtual meeting of Working Group (WG) on "SBD and NTC" for discussion on draft document on Security by Design principles in M2M/IoT device manufacturing | TEC organized the virtual meeting of the Working Group (WG) on "SBD and NTC" for discussion of draft document on Security by Design principles in M2M/IoT device manufacturing | TEC is in the process of finalizing the draft report on Security by design principles in M2M/IoT device manufacturing. During the meeting, inputs/comments received from the members were discussed. | Continue work with TEC and contribute EU work | Closed | ICT |

| 7 | M | 09-09-2022 | DECT Forum: India WG | Meeting of the DECT Forum India WG held on 9th September 2022 to discuss:
- Business cases
- Next steps, including approach towards the Indian authorities
- DECT 5G possibilities in India based on the 4 types of captive non-public networks (as per DoT guideline shared by SESEI expert, Mr. Dinesh) | **Highlights and Action Items from the meeting:**

• Smart metering Indian standard amendment request letter by ETSI to be shared by Mr. Dinesh
• Important update on Tamil Nadu govt. being interested in a pilot project on smart metering using DECT
• Mr. Dinesh to share further updates on Adani acquiring spectrum for 5G Enterprise network possibly in DECT band 1880~1920MHz
• PPT to be prepared by Mr. Roel (2-3 slides) for the policy makers perspective for pitching the DECT tech. with data like DECT Tech, Spectrum band, use cases, value addition, larger public interests, Market players/competitors, product portfolio (India related info would be helpful)
• Some statistics/reports on Industrial IoT are to be shared by Mr. Dinesh & Mr. S S Motial
• Next WG meeting tentatively on 3rd week of October'22 (as per doodle pool) for internal review
• Mr. Dinesh will arrange the meeting with DoT official Mr. Kishore Babu and share the date preference with WG around 4th week of October'22 | Continue supporting the forum activities in India | Closed | ICT |

| 8 | E | 12-09-2022 | National Workshop on Spectrum and Regulatory Issues in Preparations for WRC-23 | ITU-APT Foundation of India hosted a national workshop on preparation for next year's WRC-23 for various satellite related agenda items on 12th September in New Delhi as a physical event. In addition, the event also focused on how to maximize the potential of satellite broadband in India, and the way forward on related regulatory issues. | All spectrum allocation discussions for the satellites are within the ambit of the ITU and that provides a regulatory certainty for the industry to grow and flourish.

World Radiocommunication Conferences (WRC) are normally held every three to four years to review and revise the Radio Regulations, the international treaty governing the use of the radio-frequency spectrum, including services using satellite orbits. At these WRCs, countries negotiate changes to the international Radio Regulations to accommodate new spectrum-dependent technologies and promote the efficient use of spectrum. There are many important issues relating to the new satellite technologies that will be addressed at the forthcoming World Radio Conference in 2023. There are several agenda items of WRC-23 that will address satellite related spectrum and regulatory issues that will enable the next generation of GSO (Geosynchronous orbit) and NGSO (Non-Geostationary) satellite services, including ESIMs.

In India, the National Preparatory Committee (NPC) set up by the Wireless Planning & Coordination Wing (WPC) of the Department of Telecommunications, has been meeting regularly to prepare national proposals, where various stakeholders participate and work to achieve national consensus. Recent APT preparatory meetings for WRC-23 (APG) and the APT Wireless Group (AWG) have discussed these issues and it is important to properly understand and communicate the outcomes of these meetings to the relevant stakeholders. | N/A | Closed | ICT |

| 9 | E | 13-09-2022 | Voice&Data, India's leading telecom industry magazine organized the 5G Conference under the Telecom Leadership Forum. | "5G & The Future of Mobile Data" focused on 5G Roll Out, Global and India relevant 5G use cases, Strategies of Network Operators, Policy decisions for Spectrum allocation and ways to foster Innovations for Indian Society and more. | SESEI was invited to moderate the session on "5G for the Enterprise and Private Networks".

 Points of Discussion: A complete departure from existing networks or revolutionize the infrastructure investment approach. What strategy are operators adopting, or devising -- to upgrade the capacity of existing 4G networks or acquire additional spectrum? Current 4G networks are capable of allowing elements of 5G technology to be built on their networks. Can the existing capacity be leveraged? How do operators intend to meet the demands of the roll out and effectively create use cases, what role does the infrastructure play in meeting the capacity demands?

 Session Questions for the speaker
 • Ashwani Khillan, COO & CTO, APAC American Tower Corporation
 • Anil Jain, CEO, NIXI | N/A | Closed | ICT |
| 10 | M | 13-09-2022 | Industry Discussion organized by MAIT on Battery Waste Management Rules 2022 | MAIT organized a meeting to discuss the issues related to "Battery Waste Management Rules 2022 " released by Ministry of Environment, Forest and Climate Change (MoEF&CC). | MAIT had organized an internal meeting of the Focus Group for the industry to get aligned with the recently launched notification on "Battery Waste Management Rules (BWMR) 2022" by the Ministry of Environment, Forest, and Climate Change (MoEF&CC). It was iterated in the meeting that there are many ambiguities present in the notification, due to which the industry is in a confused state. Also, there was no public consultation held by the Ministry before the release of the notification.

 Based on the discussion during the meeting, MAIT has called out a few of the industry issues (mentioned below) and requested industry members industry members to find out the issues related to the current notification. | N/A | Closed | Circular Economy/Environment |

| | | | | | 1. The notification overlaps with the E-waste Management rules. MoEF&CC to clarify the applicability of both the rules. The industry is in compliance with E-waste Management rules, hence due to overlapping ambiguity the industry should be exempted from the compliance of BWMR 2022.

2. The BWMR 2022 doesn't include anything related to non-rechargeable batteries.

3. Compliance with the rule from the already running month of August is highly ambitious for the industry.

4. Ambiguity in the Rule 4.14, which states- Producer shall have the obligation with respect to the minimum use of domestically recycled materials in new Battery as per the Table below. The assessment of the minimum use of the recycled materials in Battery shall be in respect of the total dry weight of Battery. In case of imported Battery, the Producer shall have to meet the obligation of the minimum use by way of getting such quantity of recycled materials utilized by other businesses or by way of exporting such quantity of recycled materials.

    The ask will create a huge compliance burden on the industry.

5. According to the Industry, there's an error in the Schedule I - Prohibitions and Labelling Requirements, point 1. (ii) Battery that contains up to 0.002% (2000 ppm) of cadmium by weight may only be placed.

7. Instead of 2000 ppm, it should be 20,000 ppm. | | | |

11	M	13-09-2022	MAIT organized a meeting for formulation of Task Force under Mr. Vivek Vats on Right to Repair and Standardization of Charging Ports	MAIT organized first meeting of Task Force on Right to Repair and Common Charging Ports.	The quick agenda for the meeting was ; • Formulation of Task Force which shall be working on the issues of "Right to Repair" and "Common Charging Ports" led by Mr. Vivek Vats, HPI • Periodicity of the Task Force for apprising all members on the developments/MAIT stance on these matters	N/A	Closed	Electrical and Electronics

12	I	13-09-2022	SESEI-V and Other Updates	Meeting of the Steering Committee Members was organized to discuss and understand the status update on the SESEI V.	**During the meeting, SC members discussed:**
					
					SESEI-V:
					- When the funding availability decision will be made
					- When it will be inserted into the call for tender by EISMEA - which month is the next cycle for launching it
					- How much time EISMEA will take to close it with candidate selection, and award of contract etc.
					
					Next SC# Meeting:
					- Dinner Meeting: SESEI team
					- Meeting possibilities with EC officers on 6th Oct handling
					         a) EU-INDIA FTA team to discuss the progress and chapter on Standards: what's the status and how SESEI can help further on it.
					         b) Any work or progress on Trade and Technology Council (TTC) and/or A Roadmap to 2025 and how SESEI can help further on it.
					         c) Circular Economy and to be precisely team responsible for updating the Eco-Design and Eco-Labelling directive: We are organizing a Webinar around this subject and a speaker from EC would be needed. I can meet
						Follow up on action items	Closed	Generic

					and discuss all around it. - Meeting with CENELEC officer on Eco-Design and Labelling (Webinar) **Other Updates:** - Bilateral Meeting between CEN-CENELEC and BIS at the sidelines of ISO GA – SESEI is travelling - Indian Delegation Invite and possibilities during the ETSI Security Workshop and IoT Week.			
13	M	14-09-2022	Virtual meeting of working group on IoT and 5G applications in Smart Grid	The used cases and presentations covering various verticals of the Power and Electricity sector. The same was circulated to all the members during the meeting for comments	As per the last meeting held on 5th August 2022, all the participating member organizations were requested to share the 5G Smart Grid used cases. Many used cases were received e.g. 1. 5G powering Digitalization of Electricity Grid: Use Cases from Adani Power 2. 5G Use-case in Power Sector by Delloite 3. Ericsson Dedicated Networks for Energy Plants 4. 5G powered Utilities Transformation use cases for Power Sector: by Infosys Limited 5. Asset Management Platform – RIPE FOR MORE DATA: By Intertek 6. 4G LTE/5G Use Cases in the Power Sector: by ISGF 7. A Digital Twin with AR/VR/MR for remote fault assessment & rectification of critical and long-lived asset at Sub Stations / Power Plant: by Larsen & Tubro	Continue working with TEC and contribute EU work wherever possible	Closed	ICT
14	M	16-09-2022	Meeting of the Preparatory Group for the proposed webinar/ conference on Circular Economy Standards -	Preparatory meetings of the organizing committee for the webinar/ conference on Circular Economy Standards - Ecolabeling & Eco Design	1. All documents for the hybrid workshop have been uploaded on this link Please review the same. 2. **Background Note:** The background note for the workshop has been revised basis comments received. The PA2 version is uploaded. Please review, suggest /comments/ modify latest by E.O.D 19th Sept 2022, otherwise the same will be taken as final. 3. **Draft Agenda:** During the meeting today, some	Successful organization of webinar	Closed	Circular Economy

			Ecolabeling & Eco Design		changes in the agenda were suggested by Souvik, TERI. It was agreed that Industry representation / consumer organization should be included in the session 2 and 3, as well as the Panel discussion should have a different purpose i.e. The panel discussion has been renamed as "Panel Discussion on Policy Design, Standard Formulation & Action Oriented Implementation", intending to steer the panel into what the industry and consumer seeks from the policy makers and SDO's on ECO Design and Eco Labelling. 4. **Draft Speaker Invitation:** Draft speaker invitation mailer has been shared with all. Please review, suggest /comments/ modify latest by E.O.D 19th Sept 2022, otherwise the same will be taken as final. Please start sending it to the speakers post finalizing the same. 5. **Speaker Tracker:** The Speaker tracker has been uploaded. Please start updating it basis, confirmations from the recommended / suggested speakers. 6. **Action Item Tracker:** Action items for organizing the hybrid workshop were discussed and captured, request you to please check the same and start addressing the same. If you feel that we have missed on any point, please incorporate the same in the tracker. 7. **Logo Support letter:** Draft Letter for the organizations' (NITI Aayog , BIS, MOEF, MEITY, EU Delegation to India) for supporting / endorsing the event is uploaded. Please suggest inputs/ modify/ add and finalize the same and send it to the concerned organization's (please check the action item tracker) 8. **Venue and Logistics:** Souvik to initiate dialogue with the TERI events / communication team and connect them with Priya and Mehar for finalization of the logistics. 9. Next Preparatory Call is scheduled for 28th Sept 2022, calendar invite already shared by Mehar.			

| 15 | M | 16-09-2022 | Third Panel Meeting of Digital Signature, SSD 10/P-4 | BIS SSD-II 10 : P4 Panel held its 3rd Meeting on Digital Signatures. SESEI is a Co-Convener of this working group. In the meeting, the panel requested the member secretary to convert ETSI TS 119 101 into IS 12 format of BIS and subsequently share with the panel members for their review and further perusal. Accordingly, the work has been done and the document of ETSI TS 119 101 as per IS 12 of BIS. | The main highlights of the meeting ate as under; The Indian Standard IS 17802 (Part 1) : 2021 'Accessibility for the ICT Products and Services Part 1 Requirements' was shared with members along with the meeting minutes on 02 September 2022. Discussion on the drafting the Working Draft on Digital Signatures - Issuance, Creation and Validation. 4.1 The draft document on Digital Signatures – Issuance, Creation and Validation after incorporating decisions taken in the last meeting is attached as Annex – A with the agenda. The panel may review, discuss and decide. | | | |
| 16 | M | 19-09-2022 | LITD 28 Smart Infrastructure Sectional Committee - Meeting 25 | Several panels have been constituted under LITD 28 in the past for developing standards in the respective area. The list of panels and the standards developed under this panel are
- P1- Last Mile Communication Protocols
- P6 - ICT RA
- P7 - Data layer Architecture
- P8 - Urban e Governance Platform
- P9 - IoT Systems | 1. The main highlights of the 25th meeting of the LITD 28. The panel conveners provided updated the committee about the progress of work along with any other wort items identified. 2. Details of working groups under the above committees are given in Annex 4: India is a Participating member in IEC SyC SC, IEC SyC COMM, and ISO/IEC JTC 1. As P member, India has an obligation to vote and comment on the documents emanating from the committees. Participating Countries can also nominate their experts on the working Group to participate in international standardization activities. The Committee may note and suggest the areas where there is a possibility of contributing towards formulating International Standards. The Committee may also nominate experts on various working Groups. 3. Standards published by ISO/IEC Committees: The | Continue working with BIS on this subject | Closed | ICT |

| | | | | Reference Architecture
- P10 - GIS Framework
- P12 - Data exchange
These panels have been given the mandate to initiate developing the implementation guidelines on priority along with the other deliverables identified for the panel. | standards published by the ISO/IEC Committees was listed for perusal and discussion
- **IEC 63152:2020 Smart cities - City service continuity against disasters - The role of the electrical supply**
- **IEC SRD 63188:2022 Smart Cities Reference Architecture Methodology (SCRAM)**
- **IEC SRD 63233-1:2022 Smart city standards inventory and mapping - Part 1: Methodology**
- **IEC SRD 63235:2021 Smart city system - Methodology for concepts building**
- **IEC SRD 63235:2021 Smart city system -Methodology for concepts building**
The committee may review and identify standards suitable for adoption as Indian standards | | | |
| 17 | M | 20-9-2022 to 24-09-2022 | Travel to Dubai by SESEI for participation in the ISO General Assembly and Bilateral Meetings between BIS and CEN-CENELEC. | SESEI travelled to Dubai for participation in the ISO General Assembly. SESEI coordinated with BIS and CENCENELEC for bilateral meetings between the two standardization bodies | SESEI coordinated the CEN CENELEC and BIS bilateral meeting on the sides of the ISO General Assembly. The main discussions and highlights of the meeting were
1. Both parties to identify key areas of focus and develop a targeted action plan that will include Joint Webinars, Technical Workshops, Joint Working Groups, Study Tours and Trainings. Areas identified are - Security, Climate Change, Clean Energy, ICT, Transport, Green Deal, Resource Efficiency, Circular Economy, Clean Tech, Renewables, Artificial Intelligence, Research & Innovation, RAIL
2. Signing of the Framework License Agreement and its timely closure for CEN and CENELEC for easier access of EN Standards for their study and possible adoption by BIS
3. CEN and -CENELEC Officer to explore with the CEN and CENELEC members to explore checking with members to support the ballot ISO/TS/P306 - TC on Ayush Systems as proposed by India | Follow up on action items | Closed | Generic |

18	E	20-09-2022	Webinar " New Internal Regulations Part 3:2022, updates on Drafting Rules and Technical Report & Simple Template Updates" Confirmation	CEN CENELEC organized a webinar 'New Internal Regulations Part 3:2022, updates on Drafting Rules and Technical Report & Simple Template Updates' that took place on 20 September, 2022	This webinar was held to guide the standards maker through a comprehensive presentation of the updates in the new 2022 edition of the Internal Regulations Part 3 and provided specific information on: - the main changes with regards to the drafting of a Technical Report, - key elements to be considered in the drafting of documents, - and an overview of the updated Simple Templates.	N/A	Closed	Generic
19	M	22-09-2022	TEC: Next virtual meeting of the Working group on IoT and 5G Use cases in Agriculture	The main aim of this working group is to prepare a report on how IoT and 5G will help in Smart Agriculture. The report will showcase all the used cases on Smart Agriculture with the help of IoT and 5G technology / applications	Draft report on the IoT and 5G technologies for Smart Agriculture along with the comments received was discussed during the meeting.	Continue working with TEC on this subject and contribute EU work	Closed	ICT
20	E	24-09-2022	International Conference on Circular Economy – Green Energy (ICCE-GE) 2022	Renewable Energy Society of India (RESI) & Chandradeep Solar Research Institute (CDSRI) organized an International Conference on Circular Economy – Green Energy (ICCE-GE) 2022	A Circular Economy (CE) offers an alternative model where the value of products, materials and resources is maintained for as long as possible, and waste is significantly reduced or even eliminated. Keep resources in use for as long as possible, extract the maximum value from them whilst in use, then recover and regenerate products and materials at the end of each service life. Focused on "closing the loops", a CE is a practical solution for living within our planetary boundaries. The transition towards a CE affects different policy areas, ranging from mobility, agriculture, land use and waste management, to business development and consumer education, concerning actors across all sectors and levels of	N/A	Closed	Circular Economy

					governance. To create awareness on the Circular Economy and Resource Efficiency in the industry and participants, the Renewable Energy Society of India (RESI) and the Chandradeep Solar Research Institute (CDSRI) organized the International Conference on Circular Economy - Green Energy (ICCE-GE) 2022.			
21	M	27-09-2022	'Interaction with Standards Community' Workshop	BIS organized an 'Interaction with Standards Community' to enable the relevant stakeholders (such as Industry, Academia, Laboratory, Consumers, participating experts under IEC, etc.) to interact directly with Mr. Philippe Metzger, Secretary-General & CEO, IEC and put forward their perspectives.	The International Electro-Technical Commission (IEC) is an international standards organization that publishes globally relevant International Standards for all electrical, electronic and related technologies, supports all forms of conformity assessment and administers third party Conformity Assessment (CA) Systems. BIS, through the Indian National Committee of IEC, participates and projects Indian interests and viewpoints in the technical, governance and policy related matters of IEC. In this connection, BIS informed MAIT that Mr. Philippe Metzger, Secretary-General & CEO, IEC is visiting BIS in September 2022. SESEI is a member of MAIT, and was invited by them to participate and interact in the BIS conference with Mr. Philippe Metzger, Secretary-General & CEO, IEC	N/A	Closed	Generic
22	M	27-09-2022	Meeting with Mr. Abhinav Sharma, Founder, PAVONE Technologies	Mr. Abhinav Sharma requested a meeting with SESEI for exploring business opportunities.	Meeting was held to discuss the scope and activities of Pavone around Testing and Certification and consulting. Mr. Sharma wanted to network with EU companies for their Indian regulation, Setting up business in India and Testing & Certification. During the meeting Mr. Sharma explained his company profile and capabilities and how they can help EU Industry. While SESEI assured to refer him	N/A	Closed	ALL

					if any opportunity arises in future, SESEI also connected him with EBTC officer for network support.			
23	M	28-09-2022	Meeting of the Preparatory Group for the proposed webinar/ conference on Circular Economy Standards - Ecolabeling & Eco Design	Meeting of the organizing committee to track and discuss the action items for the proposed workshop on Eco Design & Ecolabeling	The Key Points discussed for the CE Standards Hybrid Webinars Meeting on (Nov 18th) are given below: • TERI to prepare web page with registration - to determine registrations for physical/ virtual attendance. • Set up an in-person meeting next week with TERI Events team. o Banner for - invitation, webpage, PPT, and Hard banner (discuss with Events team) o PPT template • Logo support mailer - template for invite - EU Delegation, MOEFCC, NITI Aayog, Meity (MEHAR) • Provide high resolution logos to be used. • Venue confirmed - TERI ground floor conference room. • Audio visuals updated - WebEx (allow for recording) • Calendar blocked for -DG TERI and Sudheer Sirohi, MR Rashmi • TERI has invited few more stakeholders - Confirmation will be received by next week • Invites to be sent with Dinesh and Priya in CC - Send to Sec/ JS (MoEFCC) (MEHAR) • Invites to be sent with Dinesh and Priya - Send to speaker for MoEFCC/CPCB (MEHAR) • Specific person from EU commission (others to also identify names, Michael Bucki may also suggest) - MEHAR to check with Reva/ Rachna. • Special address EU delegation to India (others to also identify names, Michael Bucki may also suggest)- MEHAR to check with Reva/ Rachna. • Is Michael Bucki's calendar blocked? • Souvik to block calendar/ invite speaker for Session 3	Successful organization of webinar	Open	Circular Economy

					• Next meeting on 13th October 12:30-1:30pm, calendar invite already shared.			
24	M	30-09-2022	Meeting with Col. Ali Akhtar Jafri, Dy. COO (Acting Director General – MAIT)	Meeting to discuss the ongoing activities of MAIT around Standards & Regulation and How SESEI can help	Meeting was held to discuss the ongoing active engagement with policy maker and Standards organisation in India and where SESEI can participate and extend support to their membership which also included the EU industry. During the meeting SESEI also conveyed the problem faced by EU Industry present in India regarding CRO/CRS scheme. SESEI also asked MAIT help to pursue BIS and Policy maker to allow foreign Labs to carry out CRO/CRS compliance based on Indian Standards as it will help in Ease of Doing Business and reduced cost of compliance. MAIT officer assured for all possible help.	N/A	Closed	Electrical and Electronics
25	E	02-08-2022	TEC Open House Session with stakeholders on the accreditation of Labs for testing of CAS and SMS	TEC has organized an Open House Session through video conferencing under the chairmanship of Sr. DDG & Head, TEC with Labs, Multiple system operators (MSO), Broadcasters, TRAI, BIS, concerned Government departments and other stakeholders for consultation and discussion on finalization of process for accreditation of Labs and setting of Labs for testing of CAS and SMS.	Telecom Regulatory Authority of India (TRAI) has designated Telecommunication Engineering Centre (TEC) as a Testing and Certification Agency for Conditional Access System (CAS) and Subscriber Management System (SMS). TEC has invited proposals for accreditation of Labs for testing of CAS & SMS Accordingly, after detailed stakeholder consultations, TEC has prepared the Test Guides of CAS and SMS. These test guides were circulated to all members and the same was discussed and opinion were invited during the Open House Session.	N/A	Closed	ICT

26	E	05-08-2022	Smart Cities and Intelligent Mobility India 2022 organized by Bharat Exhibitions	SESEI was invited as a "Distinguished Moderator" at the 8th edition of Smart Cities & Intelligent Mobility India 2022 organized by the Bharat Exhibitions.	Technical session on **"A Deep Dive into the Future of Mobility and Smart Cities with 5G"** was moderated by SESEI in the 8th edition of Smart Cities & Intelligent Mobility India 2022 as "Distinguished Moderator". SESEI took this opportunity to share policy initiatives and standardization work around Smart city and Smart mobility (ITS) in India and Europe. The presentation also highlighted the role of standards in smart cities and Intelligent Transport and Smart Mobility.	N/A	Closed	Smart Cities
27	M	05-08-2022	Virtual meeting of TEC working group on IoT and 5G applications in Smart Grid	TEC is in the process of drafting a document on the IoT and 5G Applications and the used cases in the field of Smart Grid. The Working Group is meeting regularly to update and finalize the draft document.	During the meeting of the TEC Working Group on IoT and 5G applications in Smart Grid following main issues were discussed and noted; 1. Smart5Grid_D2.1-Elaboration-of-Ucs-and-System Requirement-analysis_V1.0 and ETSI Smart grid use cases were circulated to all members for perusal 2. refinement of 5G used cases 3. Security aspect in Smart5 Grid have been added to the document Draft document is still under discussion for finalization of the same.	Continue working with TEC on this subject	Closed	ICT
28	M	08-08-2022	TEC Virtual meeting of Working Group (WG) on "Security by design Principles in M2M device manufacturing and National Trust Centre for certification of	The TEC Working Group on Security by design Principles in M2M device manufacturing and National Trust Centre for certification of M2M devices and applications" is working towards technical report on Security by design Principle for IoT.	Document on Code of Practice for Securing Consumer IoT and Framework of National Trust Centre for M2M/IoT devices and Applications have already been released. These documents are part of present draft document on Security by Design Principles. The Working Group discussed the draft document and the changes made for further improvement of the draft document. Some suggested changes are as under; 1. TEC Technical report been refined and made more concise.	Continue working with TEC on this subject and contribute EU work	Closed	ICT

			M2M devices and applications"		2. work carried out by BIS in IoT domain added 3. ITU Recommendations added by including X.509 4. Addition on National Critical Information Infrastructure Protection Centre (NCIIPC)			
29	M	08-08-2022	First Panel Meeting of the BIS Digital Signature, SSD 10/P-4/A-2.1	This Panel has been constituted to discuss the plan and way ahead for formulating indigenous standard on Digital Signature.	In the meeting, the panel requested the member secretary to convert ETSI TS 119 101 into IS 12 format of BIS and subsequently share with the panel members for their review and further perusal. Accordingly, the work has been done and the document of ETSI TS 119 101 as per IS 12 of BIS. Members were requested to kindly review the document and suggestions/inputs maybe sent on/or before 20 August 2022 so that same can be discussed in the next meeting which is scheduled for 30 August 2022. SESEI has shared copy of the draft Indian standard based on ETSI TS 119 101 with ETSI for perusal and suggestions if any.	Continue working with BIS for the adoption of ETSI TS 119 101 as Indian Standards	Closed	Services
30	M	09-08-2022	Meeting of the BIF's Committee on ICT for Inclusive Ability (PwDs)	SESEI is the Co-Chair of the BIF's Committee on ICT for Inclusive Ability (PwDs)	The main agenda of the meeting was: 1. Update on the virtual session held on 20th July on ICT Accessibility – Policy, Standards & Implementation – Chair & Co-Chairs. And status on the action items from the session 3. Revisit the workplan for the year as the Hackathon which was part of the Work Plan has been moved to be done later 4. Status on the proposed Study report by DEF on 'How digital enablement works, impacts and builds independence, confidence, response, and resilience amongst people with disability and b. Research study on uncovering global funding models for	Continue working as Co-Chair of the BIF's Committee on ICT for Inclusive Ability (PwDs)	Closed	ICT

					Development and Deployment of Assistive Technologies for PwDs by Saksha			
31	E	12-08-2022	CII Diagnostics Summit 2022- Digital Diagnostics Shaping the Future of Healthcare	CII organized Diagnostics Summit 2022 with theme Digital Diagnostics Shaping the Future of Healthcare.	The Diagnostics Sector has seen significant growth as importance of diagnostics and access to quality healthcare has become greater than ever. The world of diagnostics is entering into new revolution with Digital Diagnostics, Molecular Pathology including sequencing, genomics, automation, artificial intelligence (AI)- based analytic solutions for quality and technology driven, accessible and affordable healthcare. The CII Delhi Diagnostics Summit 2022 brought together all stakeholders, experts and Industry Stalwarts to discuss on new horizons in the diagnostics sector with Digital Diagnostics at it centre. • Session 1: Role of Digital Diagnostics in Ensuring Accessibility and Quality for Futuristic Healthcare • Session 2: Evolving Technology Driven Diagnostic Trends Shaping the Future of Healthcare SESEI attended the event to gain knowledge on what is happening in health sector.	N/A	Closed	ICT
32	E	12-08-2022	CDAC Brainstorming Session on "Testing and Evaluation of Quantum Technologies: Need and Approach"	CDAC organized this online brain storming event on August 12, 2022, involving Industry, Academia, R&D and SDO to have a focused discussion on the need for such a national level initiative and approach	SESEI was invited by TSDSI to attend this online Brainstorming session. This session was organized by CDAC on the directives of Meity. The primary objective and the context in which this Brain Storming session was conducted because Key institutions and industry across the country are already pursing research around Quantum computing, quantum communication, quantum sensing and post quantum cryptography areas. Government of India is given major	N/A	Closed	ICT

| | | | | | thrust for the same through the National Mission on Quantum Technologies and Applications (NMQTA) initiative. This is nurturing R&D and innovation towards development of quantum technology solutions by Academia, R&D Labs and Industry.

There has been tremendous advances in this area of work and a lot of mature technology particularly products in quantum communication like QKD and QRNG. There is a growing demand for such technologies in various sectors like strategic, smart city, banking etc. Recent report from NASSCOM titled, "The Quantum Revolution in India", published during February 2022 brings out various stakeholders and players in the country.

At the Global level, wide range of R&D, products, Testing & Evaluation (T&E) and training efforts being carried out. With respect to T&E some of the key initiatives are being taken up by ETSI, NIST and ITU. Considering the entire ecosystem and growing market demand, this may be an appropriate time to jump start early and gear up to empower India towards T&E of such complex systems. Such an early effort can be pursued in a collaborative way along with the Industry, Academia, R&D organization and Standard Development Organization (SDO). This shall position India strongly in the area leading to innovation and development of trustworthy systems.
In this regard, as per the directives of MeitY CDAC organized this online brain storming event involving Industry, Academia, R&D and SDO to have a focused discussion on the need for such a National level initiative and approach. | | | |

33	M	17-08-2022	TEC: Next virtual meeting of the Working group on IoT and 5G Use cases in Agriculture	TEC has been organizing regular meetings of Working group on IoT and 5G Use cases in Agriculture	The members were requested to go through the minutes and the use case template; and submit their inputs/ contributions on the use cases related to agriculture, as discussed in the meeting. The main decisions taken during the meeting were: 1. ITU-T-SG-20 approved template to be used for writing the used care. 2. DDG IoT requested members to present their thoughts about the use cases related with agriculture sector such as smart open field, drone applications, connected agricultural machinery, smart green house, precision agriculture, livestock farming, etc.	Continue working with TEC on this subject and contribute EU work	Closed	ICT
34	M	17-08-2022	DECT Forum: India Working Group	Following agenda points were discussed during the meeting: • Discussion with earlier DFI members Mr. SS Motial & Mr. Anil Prakash on the revival process of DFI in India • The SESEI perspective on the new DFI initiatives • Current DECT products in India by WG members & their operating frequencies. Any scope in DECT band other than 1880~1900MHz? • Open house discussion within WG members on how to take things forward	Following are the meeting participants and outcome from the meeting discussions. SESEI is supporting the DECT forum for its interest in Indian market. • Insights shared by former DFI members Mr. SS Motial & Anil Prakash on their previous efforts & the subsequent results till year 2015 • Mr. Anil Prakash to share the latest DoT consultation paper on the set-up of enterprise private networks in India and to share any possible update after his today's meeting with Wireless advisor • All WG members to share data on business cases like DECT products, their use cases/applications, current & future market size, technical advancements etc. in prescribed template (to be shared soon by Mr. Roel). Based on the data, future course of actions will be decided in next meeting. • Next WG meeting is tentatively scheduled on September 8th or 9th and will be finalized as per the doodle pool.	Continue supporting the forum activities in India	Closed	ICT

35	E	17-08-2022	Grand Finale of BIF Connectivity Accelerator (BIFCA) program	To conclude the PM WANI Accelerator program initiated by Broadband India Forum (BIFCA) in partnership with Meta India and Head start Foundation held a grand finale on 17th August 2022	The 10 selected start-ups went through a series of masterclasses and mentorship sessions by industry experts - exploring various technological advancements, innovative business models & partnerships, and various funding opportunities to help build sustainable and scalable business, thereby enabling broadband proliferation across the country, especially helping bring new age Digital Solutions to rural India. These finalists were venerated at the program, and the top 3 performers selected by the Jury were awarded generous grants.	N/A	Closed	ICT
36	M	18-08-2022	Interactive Session with Mr. Dinis Guarda, organised by EBTC	EBTC organized a closed-door discussion with Mr. Dinis Guarda	A closed-door discussion with select thought leaders on emerging topics in the Europe-India Business Corridor like Web 3.0, Metaverse, AI, Blockchain etc. was organized by EBTC. The discussion was led by Mr. Dinis Guarda. Mr. Guarda is an author, academic, influencer, serial entrepreneur and leader in 4IR, AI, Fintech, digital transformation and Blockchain. With decades of experience in international business, holding executive-level positions within digital transformation. He has expertise in new tech, cryptocurrencies, regulation, compliance, and international legal processes.	N/A	Closed	ICT
37	M	22-08-2022	Discussion on Third Round of PLI for Large Scale Electronic Manufacturers	MAIT is the apex body representing India's electronics & ICT hardware sector. They held a meeting of the concerned stakeholders to seek their inputs on the Third Round of PLI for Large Scale Electronic Manufacturers.	MeitY is considering the Third round of Production Linked Incentive Scheme for Large Scale Electronics Manufacturing. MAIT has observed that while the earlier 2 rounds were focused on finished goods (mobiles) and certain Specific Electronics Components; the 3rd round might be exclusively for components. An earlier reference documents including guidelines on the earlier Two (2) rounds was shared with all the members for ease of understanding. In the third round of PLI, MeitY is	Continue working with MAIT on this subject and provide inputs	Closed	Electrical Equipments including Consumer Electronics

| | | | | | contemplating on which components could be included in the 3rd round and in the process of identification of such components. In this context, MeitY requested MAIT to share the following details:
 1. Name of the Component
2. Application/ Usage of the component
3. Estimate in terms of % BoM
4. Dependence on imports in terms of % of overall demand.
5. Justification for each of the component recommended.

MeitY has specifically requested for proper justifications for inclusion of any component under the 3rd round of PLI for Large Scale Electronics Manufacturing backed by data. | | | |
| 38 | M | 23-08-2022 | BIS organised the Seventh Working Group Meeting of Cloud Services, SSD 10/WG-1/A-2.7 | Meeting to discuss the formulation and/or adoption of standard for cloud disaster recovery | Following action items were discussed during the meeting:
- Meity documents related to cloud disaster recovery and IS/ISO 22301 standard
- Discussion on drafting the Working Draft on Cloud Disaster Recovery Services
During the meeting, members suggested to include the sub clause Impact Analysis and Evaluation of DR outcome/results in the draft structure. As the structure of working draft is prepared by taking the Meity document as a reference
document. The working group suggested the member secretary to fill the content of the relevant clauses from the Meity document and discussions can be taken up for further improvement in the next meeting. | N/A | | Closed | Services |

39	M	23-08-2022	Meeting of TEC National Working Group 16 (NWG-16)	The second meeting (online) of NWG-16 was organised by TEC on 23d August 2022.	The National Working Group 16(NWG-16) corresponds to the ITU-T Study Group 16, "Multimedia and related digital technologies" was constituted on 14.06.2022. The second meeting of the NWG-16 was convened by Director IT, TEC and he appraised the members on the first meeting, constitution and responsibility of NWG-16, the roadmap to contribution, important links of ITU-T and questions under study in Study Group 16. - During the meeting, members selected four questions (Q5/16, Q8/16, Q13/16 and Q27/16) for contributions - Members were requested to register for online participation of ITU-T meeting scheduled to be held on 17th and 28th October 2022. - Nomination & selection for Chair and Vice Chair of NWG-16 from the nominations received.	Continue working with TEC on this subject and contribute EU work wherever possible	Closed	ICT
40	I	24-08-2022	Catch Up call with Eric Marchand, CEN CENELEC	A catch call was held b/w Eric Marchand, CEN CENELEC and SESEI	Regular catch-up call was organized between Eric Marchand and SESEI. The main issues discussed during the meeting was - Proposed bilateral meetings between BIS & CEN CENELEC at ISO GA - SESEI IV - Extension, - SESEI 5	N/A	Closed	Generic
41	M	26-08-2022	Stakeholder Discussion of Electronics and IT Sector for Standards National Action Plan 2022-27	A meeting with the stakeholders of the Electronics and IT sector was organized by BIS on 26 August 2022 at BIS office both in physical and online mode.	BIS has initiated the task of framing the next version of the Standards National Action Plan in consultation with relevant stakeholders to obtain their insights and suggestions on how development of Indian Standards can be ensured with a clear understanding of national priorities, considering the needs of the economy, society, environment and technology through an effective consultative process, and in a timely and efficient manner. In this regard a series of consultations with various sectoral stakeholder groups is being proposed.	Continue working with BIS and provide inputs/sugge stions to the Standards National Action Plan 2022-27	Closed	Generic

					The highlights of the discussion meeting are as under; - Update on SNAP 2019-22 by Shri Jayanta Roy Chowdhury, Consultant BIS - Presentation by Industry Associations on what they seek from the SNAP - Open House for Discussion Industry representatives and BIS SESEI expert attended the meeting and provided his views/inputs to the proposed Standards National Action Plan 2022-27.			
42	E	29-08-2022	39th GISFI STANDARDIZATION SERIES MEETING (39th GSSM) on August 29-30, 2022, at the ITS College, Mohan Nagar, GAZIABAD	SESEI was invited as the speaker by the GISFI at the 39th GISFI STANDARDIZATION SERIES MEETING.	SESEI was invited as the Keynote speaker by the GISFI for their 39th GISFI STANDARDIZATION SERIES MEETING held at the ITS College. The main theme of SESEI's presentation was "6G: Green Technology Evolution: EU policy measures and contribution of ICT Standards". In the presentation SESEI provided updates on - EU Policy measures around 6G, -Green Deal – Circular Economy and -how ICT Standards will play a key role achieving it.	N/A	Closed	Circular Economy
43	M	30-08-2022	Second panel meeting of the BIS Digital Signature, SSD 10/P 4/A-2.2	The Service Sector Department – II of the BIS has a panel on the Digital Signatures of which SESEI is a member. Second Meeting of Digital Signature Panel, SSD 10/P-4 was held on 30th August 2022 to further review the contributions by the working group for formulation of Indian Digital Signature standard.	In the absence of the convener Mr. Dinesh Chand Sharma, SESEI (co-convenor) convened the meeting. He then briefly summarized the meeting agenda and requested the convenor to give his opening remarks. The highlights of the meeting are: - The ETSI TS 119101 standard has been converted into IS 12 format and circulated with the panel members on 22 August 2022 through email. - During the meeting, the members reviewed the draft document on Digital Signature, Issuance, Creation and Validation. The revised draft after incorporating the suggestions was again circulated	Continue working with BIS of the topic/subject	Closed	Services

					- Further, it was decided to share the Indian Standard IS 17802 (Part 1): 2021 'Accessibility for the ICT Products and Services Part 1 Requirements' with the panel members for their information - It was decided to have the third panel meeting of Digital Signature on 16 September 2022			
44	M	31-08-2022	First meeting of the Preparatory Group for the proposed webinar/ conference on Circular Economy Standards - Ecolabeling & Eco Design	Following the success of the webinar on resource efficiency jointly organized by EU-REI, SESESI, CEN CENELEC, BIS and ECOS. It was proposed by ECOS that another focused webinar on ECO -Design and Eco Label should be organized between India and EU. As a major priority area, SESEI is working as the main coordinator for this webinar. Weekly meetings with the preparatory committee will be held until the webinar for organizing the webinar/ conference successfully.	• TERI to take lead from EU-REI side in organizing the hybrid workshop on CE Standards • The hybrid webinar to be organized during the EU Commissioner's visit from 11th to 15th October. o Most likely on 11th/ 12th October (Tuesday/Wednesday) - @GIZ to confirm availability of EU Commissioner in the afternoon for these two dates. • Venue of hybrid event - most likely to be at TERI, IHC. • The Hybrid event will be a half day event and will start in the afternoon post lunch when EU can also join. • Next meeting to discuss background note, speakers, agenda on 8th September 2022 at 12:30pm • The event to have a participation of 30-50 people. • Speakers and participation may include civil societies, Toxic Links, consumer bodies, BIS, CSE, forest, experts from TERI, Industry, and MoEFCC. • Tentative Format of the event may include three sessions: o 1st Session: Policy § EU to share eco-design/ labelling § India to share current status o 2nd Session: Standardization § Mapping of different stakeholders from EU and India side and match them for discussion on standards o 3rd Session: Panel Discussion § To discuss way forward including key points for	Successful organization of webinar	Closed	Circular Economy

					consumer uptake etc. • Topics to be covered can include: o Standards creation and uptake from both demand and supply side o Consumer benefits in uptake of standards and increasing understanding on what a label should entail o Experts from different organizations to talk about standards o Uptake of SRM o Can deliberate on eco labelling (learnings from EU) o EcoMark revision to include CE criteria. This is an important ask from MoEFCC. As Reva mentioned that with from the GOI there is an ongoing effort towards revision of eco-mark to include, among other, criteria on eco-labelling. o BIS on conducting experiments to develop standards to further CE Action plans			
45	M	04-07-2022	BIS Delegation Meeting and Study sessions at ETSI	As part of the BIS Study visit, a session with ETSI was organized for the BIS officials at the ETSI Premises at Sophia Antipolis, France. The main aim of the session was to provide the BIS with an understanding of the ICT/IT standardization work / efforts being done by ETSI and its members. The main presenters of the study sessions were Ms. Margot Dor, Mr. Xavier Peidnoir, Ms. Laure Pourcin , Ms. Sonia Compans	ETSI during the study session provided update on Standards & policies activities around: 1. Smart Cities Encounter with SmartM2M leadership 2. CTI (Centre for Testing & Interoperability) 3. ITS 4. Quantum Technologies etc. 5. Digital Signature 6. Human Factor (Accessibility) - EN 301 549 7. Cyber Security 8. Safety (EMC/EMI) The study topics and sessions were greatly appreciated by BIS Officials and lot of interesting engagement and interactions were held between BIS and ETSI.	Follow up action items	Closed	ICT

46	M	06-07-2022	BIS Delegation Meeting and study session at AFNOR	The last leg of the BIS study tour was held at AFNOR office. The study tour was designed to provide a comprehensive overview of the European Standardization System, standards formulation process to the BIS delegates.	As part of the agenda, AFNOR the French Standardization Body provided an overview of the AFNOR sharing updates on: - Work Program, - Standardization Strategy - Working with CEN-CENELEC, ETSI, ISO, IEC,	Follow up action items	Closed	Generic
47	I	06-07-2022	Catch up call with Eric Marchand CENCENELEC	SESEI had a catch-up call with Eric Marchand CEN CENELEC to discuss the post BIS Study tour observations, feedback and next steps forward.	During the call SESEI shared - Positive feedback/response from BIS and as a way forward to start working on topics for future cooperation. - Status update on License Agreement submission to BIS and - ISO GA Bilateral meeting	N/A	Closed	Generic
48	E	07-07-2022	23rd Virtual Quality Conclave on E-waste Management Quality Strategies for driving towards Circular Economy by QCI	Quality Council of India (QCI) organized its 23rd Virtual Quality Conclave (VQC) jointly organized by NABET-QCI and NBQP-QCI on E-waste Management Quality Strategies for driving towards a Circular Economy on 7th July 2022.	The conclave aims to discuss Standards & Guidelines to tackle e-waste in India & achieve a Resilient Circular Economy. The main objective of the conference was: 1. To discuss e-waste management quality strategies for transitioning to a Sustainable Human-Centric and Resilient Economy. 2. To provide a platform to regulators, e-waste practitioners, recyclers, academic institutions and stakeholders to exchange knowledge, issues & concerns and best practices. 3. To discuss compliance mechanisms to tackle e-waste & achieve a Circular Economy towards the development of requiting standards for the country. The Conclave provided a platform for key stakeholders in	N/A	Closed	Circular Economy

| | | | | | the E-waste industry/sector to discuss E-waste management strategies, exchange knowledge, issues & concerns and good practices to promote Sustainability and Resiliency in India for brighter Smart Cities.

SESEI expert participated in the 23rd Virtual Quality Conclave on E-waste Management Quality Strategies for driving towards Circular Economy, as a key speaker and gave a presentation on European/International Standards & Policies around e Waste/Circular Economy. | | | |
|---|---|---|---|---|---|---|---|---|
| 49 | E | 07-07-2022 | Networking Dinner on the occasion of the delegation visit of the German Federal Ministry for Economic Affairs and Climate Action, within the framework of the Indo-German Working Group on Quality Infrastructure | SESEI was invited for a networking dinner by the German Embassy | SESEI was invited for a networking dinner by the German Embassy hosted in honour of the visiting delegation of the German Federal Ministry for Economic Affairs and Climate Action. | N/A | Closed | Generic |
| 50 | E | 08-07-2022 | Relevance of Quality Infrastructure (QI) for Circular Economy | The Indo-German Working Group on Quality Infrastructure serves as a joint platform to improve the mutual understanding of policies and regulations, and to jointly develop positions and solutions for | SESEI expert was invited to attend "Indo-German Expert Exchange on Circular Economy" scheduled for July 8. The dialogue on standardization within the framework of the Indo-German Working Group on Quality Infrastructure enables both countries to collaborate on issues that are relevant for the standard bodies, industry as well as the consumers. As part of the dialogue, the Indo-Germanic Standardization Forum was established in 2019 and the | N/A | Closed | Generic |

				international technical harmonization. Within the framework of this collaboration, the Indo-German QI-Days took place from 7 to 8 July 2022. The interactive sessions included Indian and German government representatives, regulators, QI-bodies, and the private sector. All sessions were held in a hybrid format, virtually and onsite in Delhi.	second edition took place in September 2021. It provides an interactive platform for bilateral exchange between ministries, standards bodies, and the industry on various standardization topics. Topics of discussion include: • What are the key aspects of the European Standardization Strategy? • How can the standards development processes be more efficient and inclusive? • How can research and standardization collaborate for successful technology transfer? • How does standardization support the digital and green transformation as well as innovation processes? • What common viewpoints can India and Germany develop on standardization at international level?			
51	E	12-07-2022	Request for a Presentation on ETSI and its standardization activities for officer trainees of Indian Telecom Service	SESEI was invited by NTIPRIT to deliver a presentation on the Organizational Setup, Functions and Secretariat working of ETSI.	National Telecommunications Institute for Policy Research, Innovation & Training (NTIPRIT) under Department of Telecommunications (DoT), Ministry of Communications, Government of India, is the focal point of training activities for telecom professionals in the country. SESEI made a presentation on the overview of ETSI covering: - ETSI membership - Standards formulation and engagement with the industry - Benefits of standards - List of emerging technologies being standardized by ETSI - ETSI cooperation with INDIAN SDOs etc.	N/A	Closed	ICT

52	E	14-07-2022	EBG webinar on Protecting Data with Privacy Principles	EBG organized a webinar on Protecting Data with Privacy Principles	EBG organized a webinar on the Data Privacy inviting Legal firms to put forth their opinion and knowledge on the data privacy laws and requirements to bridge the gap. During the Q&A session SESEI shared updates around the Data Privacy Law in India and how start-ups such as Igrant.io are addressing the key element of consumer Privacy.	N/A	Closed	ICT
53	M	15-07-2022	Meeting with officials from EU Delegation to India	SESEI had a meeting with Mr. Chaitanya Kaushal from EU Delegation to India to discuss the about the project progress	During the meeting following topics were discussed: - TEC adoption of oneM2M and Code of Practice as National Standard - BIS adoption of Accessibility and IOT RA as National Standards - BIS Study tour success - SESEI extension and Phase V - TEC interest to set up oneM2M Lab and how it can be addressed appropriately through EU-INDIA ICT project - Indo-German workshop Updates - ETSI Conference on Security and M2M in October and Indian delegation participation etc.	N/A	Closed	Generic
54	E	15-07-2022	Managing Climate Change: A Strategy for India	The webinar, titled "Managing Climate Change: A Strategy for India?" was held to discuss the paper of the same name co-authored by Montek Singh Ahluwalia, former Deputy Chairman of Planning Commission of India and Utkarsh Patel, Associate Fellow at Centre for Social and Economic Progress.	The paper highlights the broad areas which need to be addressed in order for India to substantially reduce emissions. These include increasing energy efficiency, a greater thrust on electrification, shifting power generation from fossil fuels, expanding afforestation, and developing carbon capture utilisation and storage (CCUS) technologies. It also stresses on the need for greater public-private partnerships to achieve the climate targets. While giving an overview of the key findings of their research, Ahluwalia flagged the need to decarbonise the power sector and pursue reform of distribution companies, and decarbonisation of industry and transport, as top priority areas for India. He observed that while a lot of technologies which may have potential applications in	N/A	Closed	Energy Efficiency and Environment

					climate change mitigation seem too expensive today, they may become viable in the coming decades as they achieve economies of scale.			
55	M	15-07-2022	Discussion meeting with Mr. Zamir Dhale, panelist for the BIF Organised on "ICT Accessibility - Policy, Implementation, Standards	Mr. Zamir Dhale is a person with deaf blindness' and is the founder of the Society for The Empowerment of The Deaf-Blind (SEDB) India; the first trust run by deafblind people in India. This organization aim is to empower deafblind people with better education' training' assistive technologies employment opportunities and his organization is also advocating to protect their rights from any discrimination. He was also the Board Member of National Trust for the Welfare of Persons with Autism, Cerebral Palsy, Mental Retardation & Multiple Disabilities, a Statutory Body under the Ministry of Social Justice & Empowerment, Govt. of India.	SESEI interacted with Mr. Zamir Dhale for the upcoming Conference on "ICT Accessibility - Policy, Implementation, Standards organised by Broadband India Forum. Mr. Dhale is one of the panellists in the technical session moderated by SESEI as the Co-Chair of the BIF's Committee on 'ICT for Inclusive Ability (PwDs).

Mr. Djale and his interpreter discussed with SESEI, the proposed questions and flow of the panel.

Mr. Dhale also provided details on the key solutions and recommendations as proposed by Society for The Empowerment of The Deaf-Blind (SEDB) | N/A | Closed | ICT |

56	I	18-07-2022	Conference call meeting with Eric Marchand, CENCENELC	SESEI expert organized a meeting with Mr. Eric Marchand, CEN CENELEC to discuss the proposed Copyright License Agreement between CEN and BIS.	SESEI had a conference call meeting with Eric Marchand, CENCENELEC to discuss the proposed Copyright License Agreement between CEN and BIS. And the likely bilateral meetings of the BIS and CENCENELEC on the sides of ISO General Assembly.	Follow up action items	Closed	Generic
57	E	18-07-2022	Release of ICEF2022 report by India Circular Economy Forum	An online event was organised by the India Circular Economy Forum. During the event a report on key policy recommendation and action plan was released.	Large economies, such as the EU and India, have a key role to play in the global transition towards a circular economy and a lot to gain from stronger business cooperation and aligned legislation. The beginning of June marked the first large International Circular Economy Forum in New Delhi, where panellists from India and the EU exchanged on the most pressing needs and potential benefits of working together towards a circular economy. The event represented an opportunity to identify, showcase, and celebrate circular initiatives in India across different focus sectors. The forum featured a futuristic approach for stakeholders to build and scale up a circular economy by providing a platform to share insights, network, and learn from other circular economy experts and practitioners. The policy recommendation and action plan was released on 18th July.	N/A	Closed	Circular Economy

| 58 | M | 19-07-2022 | Sixth Working Group Meeting of Cloud Services, SSD 10/WG-1/A-2.6 | BIS SSD-II 10: WG01 Working Group meeting was held on 19th July 2022. | The main highlights of the meeting are;
 - sectional committee in its last meeting held on 24 May 2022 approved the working group recommendation of formulating indigenous standard on cloud disaster recovery services.
 - this working group have reviewed the most of ISO/IEC JTC1/SC 38 standards and also recommended many of them for adoption as Indian Standards to the sectional committee, SSD 10. Now, the sectional committee has given the task formulating indigenous standard on cloud disaster recovery services and he also requested the members for their active participation in drafting the standard on cloud disaster recovery services.
 - a. The tentative title decided by the group was Cloud Service Provider Disaster Recovery Requirements – Guidelines and requested the member secretary to register the title in the BIS portal. .
 b. The working group requested the member secretary to share the MEITY documents related to cloud disaster recovery and IS/ISO 22301 standard with the working group members for their review.
 c. The working requested Mr. Ashish Ranjan to review the existing standards on cloud disaster recovery related to ISO, IEC or any other standardization bodies.
 d. Further, the group given the task to Mr. Sumedh, Mr. Dinesh, Mr. Joshi and Mr. Mahendher to provide any existing body of knowledge on cloud disaster recovery and present in the next meeting. | Continue working with this WG on cloud services and contribute EU work | Closed | Services |

| 59 | E | 20-07-2022 | Virtual session on "ICT Accessibility - Policy, Implementation, Standards organised by Broadband India Forum | Virtual session was organized by the PwD Committee on the subject of ICT Accessibility - Policy, Implementation, Standards". SESEI as the Co-Chair of the BIF's Committee on 'ICT for Inclusive Ability (PwDs) was invited to moderate the technical session on "Challenges around implementation of accessibility policy and standards in India". | India has adopted standards for the ICT Accessibility for inclusivity for the Persons with disabilities. While the standards have been adopted, however the next important step is effective implementation of these standards and policies. The technical session moderated by SESEI focused on this very important issue to discuss "Challenges around implementation of accessibility policy and standards in India"

The panellists in the technical session were:
- Mrs. Reena Garg, Head LITD, BIS
- Ms. Karishma Chhabra, Lead, Accessibility & Strategic Initiatives, Government Affairs Team, Microsoft.
- Mr. A Chakravarthy, Scientist E, STQC, MeitY
- Mr. Mohammed Asif Iqbal, Associate Director, PwC, one of the first blind MBA (HR) from Symbiosis (SCMHRD, Pune) and paved the way in creating reservation quota for the disabled across IIMs, IITs and all government Universities in India in 2000
- Zamir Dhale is a person with deaf blindness' and is the founder of the Society for The Empowerment of The Deaf-Blind (SEDB) India | N/A | Closed | ICT |
| 60 | M | 20-07-2022 | Special invitation to ETD 11 and ETD 52 sectional committee members for 'Masterclass on standards for EV' organized by ULSE and IESA | IESA in association with Underwriters Laboratories Inc. brings a Masterclass Series on Safety and Standards of Energy Storage Systems for the ETD sectional committees of BIS | The transportation and energy ecosystems are undergoing a dynamic transition globally with a paradigm shift from lead-acid to lithium-ion batteries. With the increased demand for electric vehicles and stationary energy, energy storage systems are becoming a necessity of these ecosystems. As we scale up production and usage of energy storage systems, it is critical to establish, understand and follow standards and safety precautions to avoid future predicaments.
- Masterclass Series on Safety and Standards of Energy | N/A | Closed | Electrical Equipments including Consumer Electronics |

					Storage Systems helped participants understand different ESS standards and their implementation.			
61	E	21-07-2022	Workshop on "Cyber Security challenges - Global Experience"	PES India Chapters Council (PICC) in association with Power Grid Corporation of India Limited organized a workshop on "Cyber Security challenges - Global Experience" focused on the Power Sector.	The electrical power infrastructure is an extremely large cyber-physical system. Unlike other cyber-physical systems, the sheer size and geographic scale of this system, reliability concerns, and its status as a public utility pose some unique challenges in system security. While the system contains a lot of legacy equipment, recent trends of using intelligent devices, integration of Distributed energy Resources, remote operations of power systems, electric vehicle uptake, adaption of the Next-gen technologies, power systems are vulnerable to ever increasing cyber threats globally. The experts shared their experience in the challenges faced by the power sector globally.	N/A	Closed	Electrical Equipments including Consumer Electronics
62	M	21-07-2022	Meeting with Mr. Benoit Sauveroche, Counsellor EU Delegation to India	SESEI held a meeting with the Mr. Benoit Sauveroche, Counsellor, EU Delegation to India.	The main highlights of the meeting were - exchange on the BIS Delegation visit to EU as part of the study tour - Meetings held during the BIS Study tour - Impact of the BIS study tour and the feedback received from the Project partners & BIS - Next deliverables and Milestones of SESEI in context with BIS	N/A	Closed	Generic
63	M	22-07-2022	Meeting with the International Relations Department of BIS	SESEI held a meeting with IRD officials	SESEI met with the IRD officials from the BIS to discuss the possibility of bilateral meetings between BIS and CENCENELC on the sides of the ISO General assembly scheduled to be held in September at Dubai, UAE	Follow up action items	Closed	Generic

64	M	25-07-2022	Conference call meeting with Mr. Arun Mukarji from the EU - India ICT Project Instrument.	SESEI held a conference call meeting with Mr. Arun Mukarji from the EU -India ICT Project Instrument.	The meeting was held to discuss - the invitation and participation of the TEC and other important Indian delegation to attend the ETSI IoT and Security Week to be held in October 2022 at ETSI Premises, Sophia Antipolis. - the scope for oneM2M testing & Certification lab for TEC.	N/A	Closed	ICT
65	M	26-07-2022	Joint meeting of Secondary Cells and Batteries Sectional Committee, ETD 11 and Electrical Energy Storage Systems Sectional Committee	Electrotechnical department (ETD) of Bureau of Indian Standards (BIS) organized an online joint meeting of Secondary Cells and Batteries Sectional Committee, ETD 11 and Electrical Energy Storage Systems Sectional Committee, ETD 52 on 26th July 2022	The main highlights of the meeting were; a) Revision of Indian Standards on Lithium/Nickel system cells & Batteries to review the ambient conditions, acceptance criteria, and performance requirements specified. b) Formulation of Standards on New Battery Technologies such as Sodium-ion batteries, Solid State batteries, Aluminium air batteries, Lithium-sulphur batteries, etc. c) Review of Marking requirements for cells and batteries d) Need for an accelerated test method for life test e) Standard on BMS for batteries for Portable applications, EV applications as the present standard is applicable only for stationary applications f) Smart Battery g) Identification of new subject for Standard formulation under the scope of ETD 11 & ETD 52	Continue working with these sectional committees of BIS and contribute EU work	Closed	Electrical Equipments including Consumer Electronics

| 66 | M | 27-07-2022 | LITD 34 - Smart Manufacturing Sectional committee - Meeting 3 | BIS organised meeting of the LITD 34 - Smart Manufacturing Sectional committee - Meeting 3 | The main highlights of the meeting are;
- LITD 34/P1 Smart Manufacturing Use case group: the panel is aiming to develop a standard on the template for use cases which will help the stakeholders Analyse the user needs Analyse existing Standards, conformity assessments, platforms for Smart Manufacturing, and various activities going on Smart manufacturing in India
- LITD 34/P 2 Smart manufacturing Ecosystem Status: Analyse existing Standards, conformity assessments, platforms (like Platform industry 4.0, smart factory, OPC UA foundation, arena 2036) for industry 4.0/Smart Manufacturing, various activities going on Smart manufacturing in India (CII, FICCI and DHI, DST etc.)
- STANDARDIZATION ROADMAP FOR LITD 34
- IEC SyC Smart Manufacturing : India is a Participating member in IEC SyC SM and ISO/IEC/JTC 1. As P member, India has an obligation to vote and comment on the documents emanating from the committees. Participating Countries can also nominate their experts on the working Group to participate in international standardization activities. | Continue working with LITD 34 on Smart manufacturing and contribute EU work | Closed | ICT |
| 67 | M | 27-07-2022 | Virtual meeting of the Working group on IoT and 5G Use | TEC organized a meeting of Working Group on IoT and 5G Use Cases in Agriculture on 27th July 2022 | During the meeting, inputs/comments received on the use case template, and use cases related to agriculture were discussed in the meeting. | Continue working with TEC on this subject and contribute EU work | Closed | ICT |

| 68 | E | 28-07-2022 | E-launch of GIZ's Report-3 on EV Charging Infrastructure and its Grid Integration | GIZ along with IIT Bombay organised the e-launch event of the third report "Electric Vehicle Charging Infrastructure and its Grid Integration in India: Status Quo, Critical Analysis and Way Forward" developed under the study "Integration of Electric Vehicles Charging Infrastructure with Distribution Grid: Global Review, India's Gap Analyses and Way Forward". | GIZ along with IIT Bombay released the third report "Electric Vehicle Charging Infrastructure and its Grid Integration in India: Status Quo, Critical Analysis and Way Forward" developed under the study "Integration of Electric Vehicles Charging Infrastructure with Distribution Grid: Global Review, India's Gap Analyses and Way Forward". A consortium led by IIT Bombay along with Florence School of Regulation (FSR), Technical University Denmark (DTU), Cardiff University and Universidad Pontificia Comillas has undertaken this study. This project has been carried out under the purview of GIZ's Nationally Determined Contribution-Transport Initiative for Asia (NDC-TIA) project, in close collaboration and under the guidance of NITI Aayog.

This specific report, the third in the series of four reports of this study is focused on a detailed analysis and documentation of EV charging infrastructure and its grid integration in Indian EV ecosystem covering the current status analysis of various aspects including EV charging technology, standards and protocols applicable in India, grid integration status of EVs, stakeholders in Indian EV ecosystem, policy and regulatory matters related to EV charging infrastructure (both at central and state level). Moreover, gap analysis in EV charging infrastructure and its grid integration in Indian EV ecosystem is also presented in this report. | N/A | | Closed | Mobility |

| 69 | E | 28-07-2022 | Virtual International Conference on Standard Essential Patents & FRAND Licensing | IPETHICON Educational Academy organized a Virtual International Conference on Standard Essential Patents & FRAND Licensing | Ms Pamela Kumar, DG TSDSI, shared her views along with other International Experts in a Panel Discussion on "Global Jurisprudence on SEP" in the Virtual International Conference on Standard Essential Patents and FRAND Licensing organized by IPETHICON Educational Academy.

The discussion clarified common aspects relating to SEP's such as the interplay of R&D efforts, essentiality, declarations, working of SSO, licensing aspects etc. Standard-essential patents (SEPs) and their licensing under fair, reasonable, and non-discriminatory (FRAND) terms have been debated widely internationally and more recently also within India. The jurisprudence is getting increasingly complex, and a nuanced understanding of these developments are needed for both students and IP professionals on an ongoing basis to be updated on this evolving subject periodically. The term "Standard Essential Patents" (SEP) refers to patents that have been voluntarily declared by organizations to Standard Setting Organizations (SSO) as patents essential to a certain standard.

SESEI attended the webinar to gain knowledge about the basics of this topic, landmark judgments and developments related to this topic. | N/A | Closed | Generic |
| 70 | I | 29-07-2022 | Conference call meeting with Eric Marchand, CENECENELEC | SESEI held a meeting with Eric Marchand, CENECENELEC | This catch-up call was in continuation of the earlier meetings with Eric Marchand, CENCENELEC to discuss the feedback on the BIS - CEN -CENELEC, the proposed Copyright License Agreement, Feedback on the interactions held during the BIS Study tour and the proposed bilateral meetings between BIS and CENCENELC during the ISO General Assembly in Dubai, UAE. | Follow up action items | Closed | Generic |

71	M	29-07-2022	Conference call meeting with Mr. Arun Mukarji from EU - India ICT Project Instrument	SESEI held a meeting with Mr. Arun Mukarji from EU - India ICT Project Instrument to discuss the participation of Indian delegate in ETSI IOT week	The conference call meeting was in continuation of the discussions held earlier with regard to the possibility of Indian Delegation, led by TEC to participate in the ETSI IOT WEEK	N/A	Closed	ICT

SESEI-IV: Queries

Sr. No.	Date of Receipt	Brief Description	Requester	Sector	India Responsible	Action/Update	Document Reference	Status
1	21-Sep-22	Status of IS/IEC 62368-1: 2018: Audio Video Information and Communication Technology Equipment Part 1 Safety Requirements First Revision" in India	Claeys, Tom <tom.claeys@barco.com>	Electrical Equipment and Consumer Electronics	BARCO	Dear Tom, BIS has adopted "IS/IEC 62368-1: 2018: Audio Video Information and Communication Technology Equipment Part 1 Safety Requirements First Revision" which is Identical under single numbering. As of now, it seems IS/IEC 62368-1 is voluntary in India. Warm Regards,	Email Query	Closed
2	16-Sep-22	Provided latest copy of following ETSI standards a. ETSI TS 119 312 b. ETSI TS 119 432 c. ETSI TS 119 441	Services Sector Department II <ssd2@bis.gov.in>	Services	BIS	Dear Santosh Ji and Vijay Ji, Please find enclosed the latest standards. Regards,	Email Query	Closed
3	13-Sep-22	Annual Union Program for EU standardization 2022 and Standardization Strategy	jayanta@bis.gov.in	Generic	BIS	Dear Sir, Please find enclosed Annual Union Program for EU standardization 2022 and Standardization Strategy. Warm Regards,	Email Query	Closed

| 4 | 13-Sep-22 | Information on political instruments available between EU and India | chandanbahl@bis.gov.in | Generic | BIS | Dear Sir,

Following are the instruments available between EU and India

• Establishment of a Trade and Technology Council (TTC) between the two regions
• EU-India Strategic Partnership: A Roadmap to 2025 , Joint Declaration of May 2021
• The key focuses of cooperation are around Security, Climate Change, Clean Energy, ICT, Transport, Green Deal, Resource Efficiency, Circular Economy, Clean Tech, Renewables, Artificial Intelligence, Research & Innovation, RAIL
• Cooperation around Standardisation and its harmonisation to International Standards and promotion of existing international standards is clearly mentioned around the topics of Security, pharmaceuticals and medical devices, Environment (Circular Economy), Information and communications technology (ICT), Transport (Railways) etc.
• Cooperation on global digital standards and network security, 5G technology and beyond 5G, Joint Task Force on Artificial Intelligence, Quantum and High-Performance Computing, protection of personal data and privacy, Circular Economy and Resource Efficiency Partnership, Partnership on Smart and Sustainable Urbanization etc.
• Re-launch of EU-India Free Trade Agreement negotiations
• EU-India Connectivity Partnership aligned with EU's Global Gateway | Email Query | Closed |

						• Support sustainable digital, transport and energy networks, and the flow of people, goods, services, data, and capital centred on equity and inclusivity for the benefit of both the EU and India and assisting in global development efforts, based on Sustainable Development Goals principles. • Also, this connectivity partnership endorses facilitating large-scale private investments in sustainable connectivity and commitment to implementing relevant international standards, to ensure a level playing field for companies and to ensure reciprocal access to markets. Warm Regards		
5	9-Sep-22	Information on Plastic and Packaging Policy/Directive and Standards developed/adopted around it by CEN-CENELEC	Prakash, Reva GIZ IN <reva.prakash@giz.de>	CE & RE	GIZ	Dear Reva, Please find enclosed a document having consolidated input around Plastic and Packaging Policy/Directive and Standards developed/adopted around it by CEN-CENELEC. And as far as certification schemes are concerned around this topic, you may know that EU follows SDoC (Supplier Declaration of Conformity) for the essential requirements listed down in these directives and we don't follow on it, but the manufacturers does it using these directives, applicable standards and using the blue guide as a reference (enclosed and it is having information around Plastic and Packaging also on page 106). Sorry but don't know any expert in India working on the thematic.	Email Query	Closed

6	30-Aug-22	Provided inputs to DoT's Consultation paper on new Legal Framework	Col. Ali Akhtar Jafri <ajafri@mait.com>	ICT	Manufacturers Association of Information Technology (MAIT)	The Department of Telecommunications has recently come out with a "Draft Consultation Paper on a New Legal Framework Governing Telecommunication in India". As a member of MAIT, SESEI expert provided inputs/suggestions on the draft Consultation Paper.	Email Query	Closed
7	25-Aug-22	Shared Policy and Legislation related work around Cloud & Edge computing in Europe	Services Sector Department II <ssd2@bis.gov.in>	Services	Bureau of Indian Standards (BIS)	Dear All, Please to share a very good report consolidated around Cloud & Edge computing in Europe, which covers both Policy and Legislation around this subject. - https://joinup.ec.europa.eu/collection/rolling-plan-ict-standardisation/cloud-and-edge-computing-0	Email Query	Closed
8	25-Aug-22	Provided inputs to Standards National Action Plan (SNAP 2022-27) which is being prepared by Bureau of Indian Standards (BIS)	Col. Ali Akhtar Jafri <ajafri@mait.com>	Generic	Manufacturers Association of Information Technology (MAIT)	BIS is in the process of preparing the "Standards National Action Plan (SNAP 2022-27)". The action plan has prioritized standardization issues ranging from engineering to services, IOT to AI, and smart cities to e-mobilities. 'Smartness', 'Sustainability', and 'Services' would be the key to future standardization. SESEI expert as a member of MAIT, suggested following topics/areas which may be considered for inclusion in SNAP 2022-27: • ICT: Blockchain, ITS, Cyber Security replacing Data Security, • Circular Economy & Sustainability including UN SDGs: e-Waste standards, Material Efficiency, Resource Efficiency, Plastic Waste, eco-design & labelling etc.	Email Query	Closed

9	25-Aug-22	Provided information regarding EU Food regulations and standards.	Dr. Bhawana BIS <bhawana05@bis.gov.in>	Generic	Bureau of Indian Standards (BIS)	Dear Dr Bhawna, In reference to your subject query, please find the consolidated information around it. Regards,	Email Query	Closed
10	10-Aug-22	Dear Ma'am/Sir. Greetings from Bureau of Indian Standards (BIS). Chemical Department (CHD), BIS is gathering information regarding the standards of potable drinking water and/or Packaged Drinking water and the test methods for the various parameters being followed in various countries around the world. This also includes information regarding any quick methods of test for various parameters which can be performed on the spot or through any portable testing kit. This is a humble request to kindly consider sharing the relevant information with CHD on the subject as	CHD BIS <chd@bis.gov.in>	Generic	Bureau of Indian Standards (BIS)	Dear Sir & Madam, Thanks for contacting CEN-CENELEC for your query regarding - gathering information around the standards of potable drinking water and/or Packaged Drinking water and the test methods for the various parameters. Please note below our input to the same with an attachment. On 21 of January 2021, European Union adopted new Drinking Water Directive (EU) 2020/2184 on the quality of water intended for human consumption (recast) with objectives to protect human health from the adverse effects of any contamination of water intended for human consumption by ensuring that it is wholesome and clean, and to improve access to water intended for human consumption. In this directive, "minimum requirements for parametric values used to assess the quality of water intended for human consumption" are available as annex I and annex III on specifications for the analysis of parameters. List of CEN technical committees developing standards related to potable drinking water and/or Packaged Drinking water are as summarised below and their published standards including Test	Email Query	Closed

| | | highlighted above.

An early reply is appreciated.

For any further query feel free to mail us at chd@bis.gov.in or chd36@bis.org.in

Thanking you,

Yours faithfully,

(A K Lal)
Scientist E & Head (Chemicals) | | | | Methods are part of attachment:

• CEN/TC 164: Water Supply: To establish standards for the installation and performance requirements of systems, constructions of components used for the water supply from the production facility, including the treatment of the water, to the taps attached or unattached to a sanitary appliance with the view of maintaining the quality of water as stated in Directive 80/778

• CEN/TC 165: Waste-water engineering: Functional standards, standards for performance and installation in the field of wastewater engineering for systems and components. Where there is no existing material related TC, product standards for all components of discharge pipes, drain and sewer pipes, pipelines, separators etc. according to the resolutions of BT (for the organization of work in the field of metallic tubes see resolution BT 160/1989). Standards for design, calculation, construction, commissioning, operation and maintenance in the field of wastewater engineering, from the point of origin (with the exception of the product standards for sanitary appliances*) up to the point of disposal, including treatment plants and use of treated wastewater for purposes other than agricultural irrigation.

• CEN/TC 230: Water analysis: Standardization in the area of water analysis including: - definition of terms; - sampling of water; - measurement; - | | |

						reporting. Excluded are the limits of acceptability for water quality. • CEN/TC 426 Appliances Used for Water Treatment Not Connected to Water Supply: Standardization of requirements for safety, performance and labelling of water treatment like filtration, sparkling etc. appliances used in domestic and similar environment for which the intended use is the treatment of drinking water only. This Project Committee covers safety requirements and test methods for water treatment devices that are not connected to water supply in buildings and provides requirements and recommendations for instruction manuals, so that these appliances can be used and maintained properly. Appliances with heating water systems are excluded from the scope of this Project Committee. We hope it is in order to address the requirement/query, please let us know if we could of any further assistance in this matter. If any of specific published standards need to be purchased from this list, they can be sourced from the link by visiting any of our members websites https://standards.cencenelec.eu/dyn/www/f?p=205:105:0::::: Warm Regards,		

| 11 | 1-Aug-22 | Dear Dines Ji,

Could you please help me with the technical committee of CEN-CENELEC working in the following areas and the list of their Standards:

a) Lighting
b) Electrical Installation
c) EV Charging Infrastructure
d) Lifts and Escalators

Thanks and regards,
Asit. | Asit <asit@bis. gov.in> | Electrical Equipment and Consumer Electronics | Bureau of Indian Standards (BIS) | Dear Asit Ji,

Please find enclosed the desired details asked below. For any further query feel free to revert.

Warm Regards, | Email Query | Closed |